

Methodology and Technology Services



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ENTERPRISE AND e-GOVERNMENT PORTALS

3-Day Public or Inhouse Course covering Enterprise Portal Technologies and Strategies for Integrated Access to Corporate Knowledge, Process and Workflow Resources

Presented by [Clive Finkelstein](#)

[Printable PDF Version](#)

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Introduction

Enterprise Portals provide integrated access, through a single log-on, to the resources that are needed by each individual in the enterprise to carry out the person's assigned job responsibilities. Knowledge resources are fully integrated for easy access to required data and information, as well as for access to relevant processes and workflows. These knowledge resources include and combine structured data for Business Intelligence, such as databases and Data Warehouses - with unstructured data, such as documents, reports, email, graphics, images, audio and video.

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Objectives

- Understand the different Enterprise Portal categories, for: Collaborative Portals, Business Intelligence Portals and Integration Portals
- Review Portal products in each of these categories, together with their respective vendor strategies
- Understand the role taken by Content Management products in Enterprise Portals
- Recognize the role that Enterprise Portals can take in the rapid delivery of priority Enterprise Architecture areas into production
- Understand the steps required for Enterprise Portal implementation

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Audience

CIO, CTO, Government Program Managers, Business Managers, Business Experts, IT Managers, Project Managers, Business Analysts, Systems Analysts, Enterprise Architects.

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Course Outline

Strategies, Methods and Technologies for Implementing Integrated Portals

1. PORTAL BUSINESS DRIVERS AND CONCEPTS

- e-Business and e-Government Portals -
The Promise of a Central Gateway to Information, Knowledge, Workflows and Processes of the Enterprise
- Architecture Approaches and Integration Implications
- Review of XML and XSL for Use in Portals

2. ENTERPRISE AND e-GOVERNMENT PORTAL EXAMPLES

- Review of Enterprise Portal Categories: Collaborative, Business Intelligence and Integration Portals
- Critical Success Factors

3. ENTERPRISE ARCHITECTURE AND PORTAL PLANNING

- Using Enterprise Architecture (EA) to Identify Enterprise Resources for Portals
- How to Utilize EA for Business Integration, to Provide an Enterprise-Wide Approach to Building Integrated Portals

4. REAL-WORLD CASE STUDIES FOR PORTAL PLANNING

- Review of Real World Enterprise Architecture Portal Planning Projects for Government and Commercial Enterprise Portals

5. ENTERPRISE INTEGRATION USING PORTALS

- Enterprise Integration Portal Framework and Levels
- User Interface Integration for Content Management, Application Integration and Collaborative Services
- Portal Case Studies and ROI
- Choosing Portal Architecture and Products

6. COLLABORATIVE PORTAL TECHNOLOGIES

- Review of Features, Functions, Architecture and Components of Collaborative Portals from Various Vendors, Including IBM, Viador, Plumtree, Microsoft, Citrix, CorePort

7. BUSINESS INTELLIGENCE (BI) PORTAL TECHNOLOGIES

- Review of Features, Functions, Architecture and Components of BI Portal Products from Various Vendors, Including Ascential, Brio, CA, Cognos and Hummingbird

8. INTEGRATION PORTAL TECHNOLOGIES

- Review of Integration Portal Technologies, such as Hyper-Relational and Drag-and- Relate to Dynamically Integrate Unstructured Data Sources, Structured Data and the Internet
- How Integration Portals Integrate Unstructured Data Resources, Structured Data from ERPs, and Structured Data Bases of an Enterprise

9. CONTENT MANAGEMENT PRODUCT EXAMPLE

- Overview of Content Management Solutions and Automated Taxonomy Vendors
- Review of Features, Functions, Architecture and Components of Content Management Products from Various Vendors, Including Convera, BroadVision, Autonomy, Semio

10. EVALUATION SUMMARY OF PORTAL PRODUCTS

- Value Justification Approaches
- Evaluation Criteria Matrix: Platforms; Extensibility; Taxonomy; Categorization; Search; Personalization; Administration; and Security

11. EIGHT STEPS FOR PORTAL IMPLEMENTATION

- Develop Portal Business Case, Select Team and Create Portal Project Plan
- Understand User Functional and Content Requirements and Business Content Flow
- Develop Portal Framework, Select, Install and Integrate Portal Products
- Develop Portal Taxonomy and Categorization Scheme
- Design and Customize Portal User Interface
- Define Roles, Security and Single Sign-On
- Develop and Implement Integration Services
- Prototype Portal, Educate Users and Deploy in Phases

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Instructor

Clive Finkelstein

Clive Finkelstein is acknowledged worldwide as the "Father" of Information Engineering, and is Managing Director of Information Engineering Services Pty Ltd in Australia. He has over 43 years' experience in the Computer Industry. He has published many books and papers, and contributed Chapters and Forewords to books published by McGraw-Hill and Springer-Verlag. Clive has authored the following books:

- *"Information Engineering"*, James Martin and Clive Finkelstein, Savant Institute, Carnforth: Lancs UK (1981). This was the book that started the Information Engineering Revolution in the 1980's.
- *"An Introduction to Information Engineering"*, Clive Finkelstein, Addison-Wesley, Sydney: Australia (1989). This book covers the history and evolution of Information Engineering.
- *"Information Engineering: Strategic Systems Development"*, Clive Finkelstein, Addison-Wesley, Sydney: Australia (1992). This is the "how-to" book on using Information Engineering.
- *"Building Corporate Portals with XML"*, Clive Finkelstein and Peter Aiken, McGraw-Hill New York:

NY (2000). This book covers methodologies and technologies for Enterprise Portals.

- “*Enterprise Architecture for Integration: Rapid Delivery Methods and Technologies*”, Clive Finkelstein, Artech House, Norwood, MA (March 2006). This book brings together the methods and technologies for rapid delivery of Enterprise Architecture in 3-month increments. [Read the Book Review.](#)

Clive Finkelstein is an internationally renowned consultant and instructor, and has completed projects for Defense, Government and Commercial organizations throughout the world and in most industries. Many projects have involved the *Zachman Framework for Enterprise Architecture*, using the latest methods and technologies for rapid delivery of priority areas into implementation. These methods use Enterprise Engineering for rapid definition of Enterprise Architecture. His technology focus addresses Enterprise Integration technologies using XML, Enterprise Application Integration (EAI), Enterprise Portals, Web Services and Service-Oriented Architecture (SOA) for Business Process Management (BPM) using XML-based BPM languages.

He provides training and consulting in all aspects of the Zachman Framework for Enterprise Architecture, with rapid delivery of priority areas using Enterprise Engineering. His application of these methods in large and medium Government, Defense and Commercial enterprises results in *Business Transformation Enablement*, so that business and IT managers and their staffs can plan for and achieve rapid business change. Enterprise Architecture provides a Governance Analysis Framework that supports Sarbanes-Oxley and other Governance Audit requirements. It provides direct support and linkage to Balanced Scorecard for Strategy-Focused Organizations, to ensure that IT systems and databases support defined Scorecard Measures, Strategy Maps and Governance requirements.

Clive writes a monthly column, “*The Enterprise*” for DM Review magazine. Past issues are at <http://www.dmreview.com/>. He publishes a free, quarterly technology newsletter via email: “*The Enterprise Newsletter (TEN)*”. Past issues of TEN are at: <http://www.ies.aust.com/>. His books and papers are at <http://www.ies.aust.com/cbfindex.htm>. He can be contacted at cfink@ies.aust.com. Many in-house skills-transfer courses and seminars presented by Clive Finkelstein are at <http://svc004.bne009i.server-web.com/catalogue/visible/default.shtml>.



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